

## **Toluidine Blue Dye (TBD) Application used for MFSAECC**

- 1) Toluidine Blue Dye (TBD) application will be done prior to any digital, speculum examination, or vaginal instrumentation (i.e. insertion of a vaginal Foley catheter, rectal swab). Note: Otherwise injuries could be contributed to improper handling of an examination with speculum or the improper insertion of the examining finger.
- 2) Before applying the dye:
  - a) Inspect the anal-genital area for injury
  - b) Photograph the anal-genital area (unless patient refuses).
  - c) Collect all indicated external anal-genital swabs and /or specimens before applying the dye.
- 3) TBD application may be used externally on labia majora, labia minora, posterior fourchette, hymen, perianal body, perianal area.
  - a) Do NOT apply to mucus membranes because the uptake will be diffuse and nonspecific for injury.
  - b) Avoid dye entering the vaginal vault although DNA evidenced will be preserved.
- 4) Apply TBD by using a T-Blue Swab or gently roll a sterile cotton swab with TBD to genital area in question.
- 5) Allow to dry approximate one minute.
- 6) Using spray bottle with 1% Acetic Acid (1 part vinegar to 10 parts water), gently spray the area until excess TBD is flushed away **OR** gently blot using water soluble lubricating jelly on gauze pad but do NOT rub. Use clean gauze to blot off as much lubricating jelly as possible but do NOT rub.
- 7) Re-examine the genitalia.
- 8) Document findings.
- 9) Take photographs of area for documentation following TBD application.
- 10) Advise the patient that small amounts of dye may shed in their clothing over the next 2 days.